

Forest LeBlanc

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Professional Experience

Advanced Computing Group	Special Project Assistant	May 2019-Jan 2020
<ul style="list-style-type: none">Configured web servers on cloud-based virtual machines. Researched cloud/cluster computing methods and ML applications.Contributed to development of hybrid server framework for use by academic clients.Skills: Operating systems, web servers, cloud platforms, research, technical communication		
University of Maine	Teaching Assistant	Dec 2018 - May 2019
<ul style="list-style-type: none">Directly advised 19 students on embedded programming projects.Created an automated form that improved on the previous paper system, making grade recording/calculating significantly easier for fellow TAs.Skills: Engineering, test equipment, programming, technical communication, education		
Wireless Sensing Networks Lab	Undergraduate Research Assistant	May 2018 - Dec 2018
<ul style="list-style-type: none">Contributed to research and development of 3 projects for medical and aerospace purposes.Ran tours of lunar habitat simulation environment for middle-schoolers. Presented research to media and local tech companies.Skills: Engineering, circuitry, research, programming, technical communication		

Education

University of Maine Orono, ME USA	Bachelor of Science, Computer Engineering w/ Minor in Mathematics	Aug 2015 - May 2019
<ul style="list-style-type: none">Honors: Francis Crowe Society; Rajendra & Neera Singh Engineering Scholarship; Norman B. Stetson Scholarship; University of Maine Flagship Scholarship; Dean's List.Activities: Students for the Exploration and Development of Space; Engineers Without Borders; IEEE Student Branch; UMaine Black Bear Robotics team		
DeepLearning.AI (Stanford University)	<u>Certification, Deep Learning Specialization</u> Coursera	Jan 2020 - Oct 2020

(Some) Projects

- Various Kaggle projects** (Data science, ML, Bioinformatics)
- Non-Invasive Tracking System** (Linux/UNIX, C/C++, Python, project management)
- UMaine Biomedical Engineering Projects** (machine learning, comp. vision, MCUs, RasPi)

(Some) Abilities

- Relevant:** Assembly, Python, C/C++, HTML/CSS, JavaScript, VHDL/Verilog, Java
- Languages:** Python, C/C++, HTML/CSS, JavaScript, VHDL/Verilog, Assembly(x86), Go, Java, MATLAB, R
- Tech/SW Eng:** Algorithms, Machine Learning, Data Structures, Git, SQL, Linux/UNIX, ETL, Agile
- CE/EE skills:** Circuits, Electronics, PCB Design, FPGAs, Microcontrollers, RTOS
- Misc:** Conversational Spanish, Chemistry, Physics, Mathematics, Technical writing